

Mammomat 3000 - Opdima®



Service

Modification Instructions

Upgrade to Opdima Software v 2.0

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Chapter	Page	Revision
All	All	01

1	Requirements	1 - 1
	General	1 - 1
	Contents of update kit	1 - 1
	Tools required	1 - 1
	Time required	1 - 1
2	Installation of CD drive	2 - 1
	Installation of CD drive	2 - 1
3	Upgrade to Opdima software version 2.0	3 - 1
	Upgrade to Opdima Application Software (ASW) version 2.0	3 - 1
	Final procedures.	3 - 2
4	Touch protection assmebly	4 - 1
	Mounting of the touch protection	4 - 1

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General

The upgrading to Opdima Application Software (ASW) version 2.0 requires ASW version 1.3 or 1.4 to be installed.

Be sure to save software CD-ROM for version 1.3 and 2.0 for future reinstallation of operating system.

For configuration of DICOM nodes see Supplement to the Instructions for Use.

Contents of update kit

- Opdima Software version 2.0 (part no. 65 27 548)
- Touch protection, containing of:
 - One plastic plate (part no. 65 34 056)
 - One plastic cover (part no. 65 34 049)
 - Two plastic screws (part no. 65 67 643)
- Modification Instructions (this document, part no. 65 26 896)
- Installation and Start-Up Instructions (part no. 65 26 847)
- Service Instructions (part no. 65 26 961)
- Supplement to the Instructions for Use (part no. 65 26 672)

NOTICE

Be sure to replace the old Supplement to the Instructions for Use with the new (part no. 65 26 672) for ASW 2.0.

Tools required

If SUN workstation (part. no. 64 30 453) has a serial number within the interval 1109-1146, an external CD drive (part. no. 65 38 180) is necessary.

Time required

CD installation:	approximately 20 min., 1 person
SW upgrade:	approximately 10 min., 1 person
Touch protection assembly:	approximately 5 min., 1 person

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Installation of CD drive

1. Press Logout in the mode selection dialog.

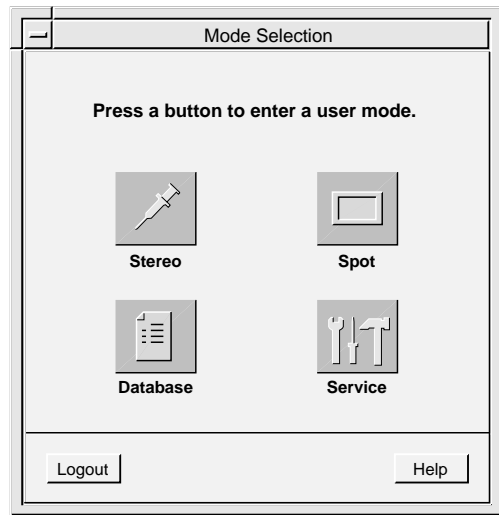


Figure 3 Mode selection dialog

2. Enter user name "poweroff" in the login dialog and press OK.

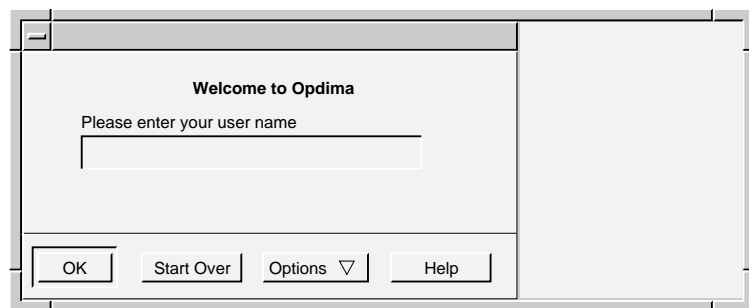


Figure 4 Login dialog

3. Press OK in the login dialog without entering any password.

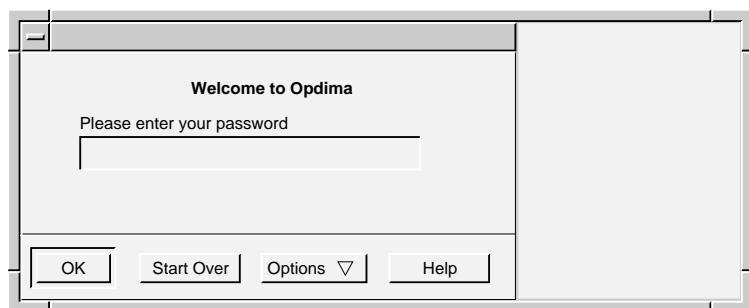


Figure 5 Login dialog

4. After a while the workstation is turned off automatically.
5. Connect the SCSI cable from the CD unit (SCSI ID: 6 for CD unit) to the MO unit.

6. Switch on the workstation by pressing the power-on key.

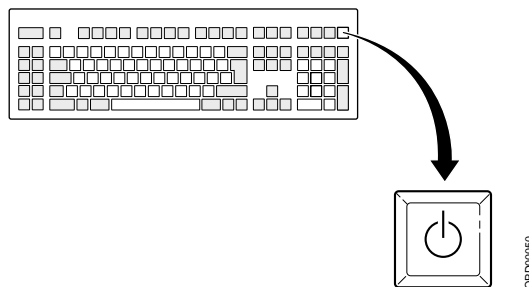


Figure 6 Power-on key

Upgrade to Opdima Application Software (ASW) version 2.0

Installation of version 2.0 does NOT use the "Advanced Service" user interface. Instead, the service operator must get a command ("shell") prompt, and type in UNIX commands directly.

This is done by performing the following steps.

1. Switch on the workstation.
2. Log in as service user.
3. Check the Disk Cache settings in the Advanced service dialog to make sure the default settings (75% and 50 images) are selected.
4. Insert the latest local storage MO disk. Enter Database mode and exit.
5. Press the **Control, Alt, Shift** and **!** keys at the keyboard simultaneously.
6. A dialog box saying "Switch to default behaviour ?" will appear.
7. Click OK. The screen will flash for a second.
8. Place the mouse pointer on the screen background and press the rightmost mouse button.
9. Select "New window".
10. A window with a UNIX shell prompt appears.

Now it is time to perform the upgrade installation. It is done by typing commands at the shell prompt.

NOTICE

<Enter> means that the operator should press the Enter key.

NOTICE

Make sure that the Num Lock and Caps Lock are deactivated.

11. Insert the Opdima 2.0 CD, and wait a few seconds.
12. Change directory by typing
`cd /cdrom/opdima.2.0_6527548 <Enter>`
13. At the shell prompt, type
`su <Enter>`
14. Type the root password, type
`vlarmkorv <Enter>`

NOTICE

The prompt has changed to #. Be careful since you are now super user.

This password will not be valid after this installation.

15. Continue with the installation script, type
`./install <Enter>`

16. Do you wish to install the required patches?, answer with yes by typing
y <Enter>
This will take approximately 3 minutes.
17. Do you wish to install the opdima software and misc. binaries?,
answer with yes by typing
y <Enter>
Loading software from CD-ROM will take approximately 3 minutes.

NOTICE**Remove the CD during reboot.**

18. Reboot press,
y <Enter>

Final procedures

1. Log in as service user.
2. Select **Advanced service** in the service mode and perform camera calibration, see *Service Instruction (SPB7-230.061...)*.
3. Select **Software Upgrade** in the Advanced service dialog.
4. Select **Miscellaneous**.
5. Perform check database once for each MO-disk (transfer/backup MO) and once for the local database. This will check and adjust invalid folder names that have been introduced in earlier software versions.

Make a backup of all existing data on the primary storage media:

6. Press the Backup button in the service dialog.
7. In the setup for backup section disable the backup.
8. Press the Backup to MO button.
9. Follow the instruction given in the message dialogs.
10. In the setup for backup section enable the backup.
11. Done!

Mounting of the touch protection

1. Place the plastic plate (see pos. 1, Fig. 1) behind the connectors X203 and X204.
2. Place the plastic cover (see pos. 2, Fig. 1) on the other side of the connectors.
3. Attach the plastic screws (see pos. 3, Fig. 1).

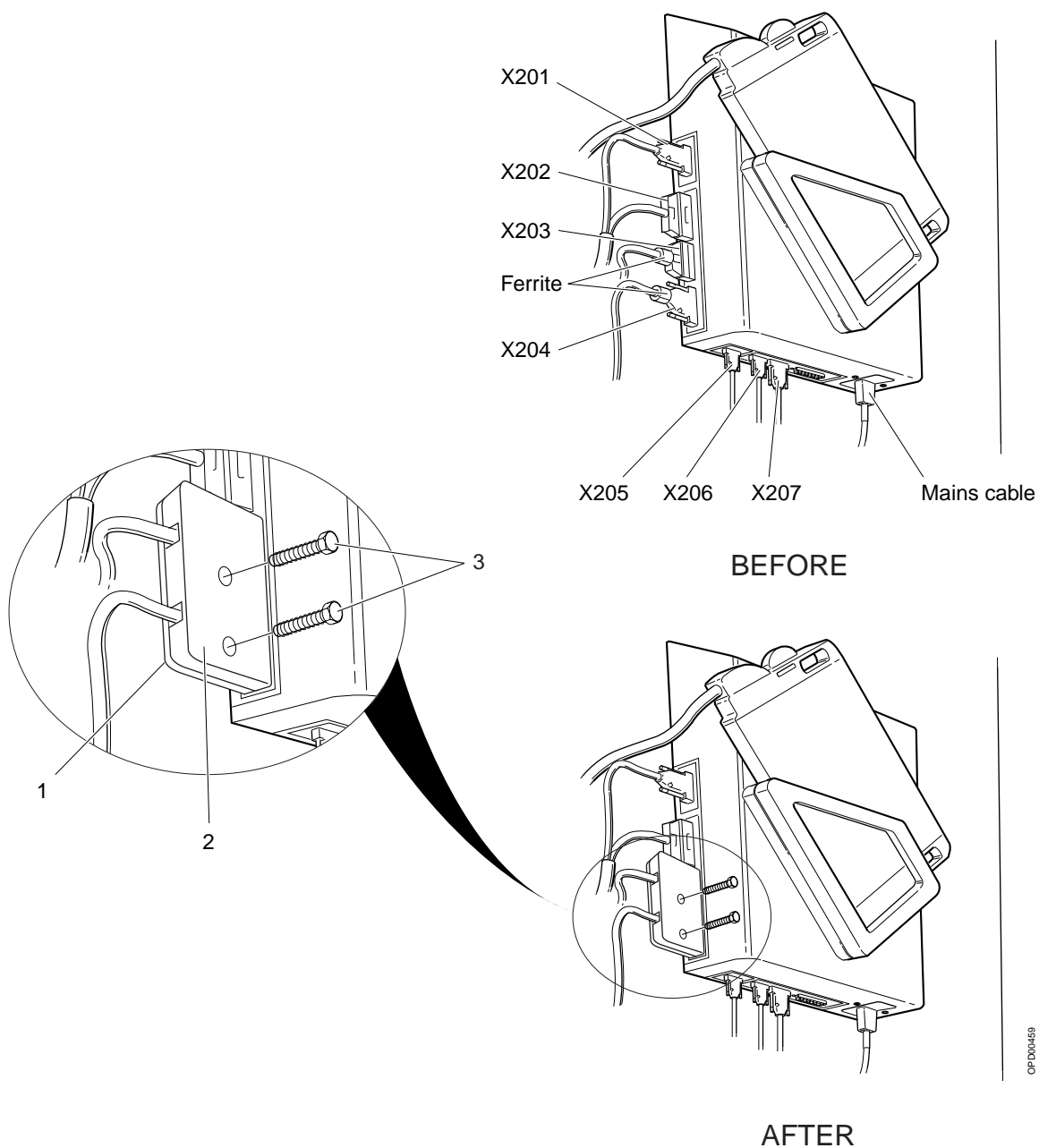


Fig. 1 Touch protection assembly

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